

NCDOT Research Project 2010-08: Final Report

Exhibit 44: Travel Time Comparisons by Work Zone Scenario (Minutes/Vehicle)	57
Exhibit 45: Speed Contours of Lane Closure Scenarios.....	59
Exhibit 46: FREEVAL-WZ Work Flow Diagram.....	72
Exhibit 47: FREEVAL-WZ Opening Screen	73
Exhibit 48: Planning-Level Input-Output Screen	74
Exhibit 49: Daily Volume Profiles	75
Exhibit 50: User Cost and Vehicle Operating Cost Inputs	75
Exhibit 51: Segment Entry Details	76
Exhibit 52: Supplemental Weave Data Entry	76
Exhibit 53: Facility Preview	77
Exhibit 54: Saving the Facility Template	78
Exhibit 55: Running the Analysis	79
Exhibit 56: Planning-Level Outputs	80
Exhibit 57: On-Screen Reports	81
Exhibit 58: On-Screen Charts	82
Exhibit 59: Printing Summary Report	82
Exhibit 60: View Operations Feature	83
Exhibit 61: Adding Work Zone Detail.....	84
Exhibit 62: Work Zone Capacity Guidance Tables	85
Exhibit 63: NC Work Zone Capacity Defaults	86
Exhibit 64: Supplemental Capacity Guidance Tables	86
Exhibit 65: Work Zone Scenario Summary	87
Exhibit 66: Facility Preview with Work Zone	87
Exhibit 67: Updated LOS Exhibit 67 performance with Work Zone	88
Exhibit 68: On-Screen Performance Summary with Work Zone	89
Exhibit 69: On-Screen Charts with Congestion.....	90
Exhibit 70: View Operations LOS Table with Congestion	90
Exhibit 71: Standard Report with Work Zone	91
Exhibit 72: FREEVAL2010 Welcome Screen	96
Exhibit 73: Global Settings Dialog	96
Exhibit 74: Save File Dialog	97
Exhibit 75: Defining Segment Types.....	97
Exhibit 76: Data Input.....	98
Exhibit 77: Weaving Dialog	99
Exhibit 78: Facility Summary Worksheet.....	100
Exhibit 79: Time Interval Performance	101
Exhibit 80: Output Graphs	101
Exhibit 81: Levels of Service Summary Table	102
Exhibit 82: Summary Output for Oversaturated Facility.....	104
Exhibit 83: Oversaturated Output for Time Interval 3.....	105
Exhibit 84: Oversaturated Output for Time Interval 4.....	106
Exhibit 85: Graphical Output for Oversaturated Case	107
Exhibit 86: LOS Summary Table for Oversaturated Scenario	107